

ductruong

* * * * * STN Columbus * * * * *

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=> file pnttext

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'EPFULL' ENTERED AT 14:07:06 ON 02 JUN 2008

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FILE 'USPATFULL' ENTERED AT 14:07:06 ON 02 JUN 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 14:07:06 ON 02 JUN 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 14:07:06 ON 02 JUN 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s polysrylene sulfide# and continuous polymerization

L1 0 POLYSRYLENE SULFIDE# AND CONTINUOUS POLYMERIZATION

=> s polyarylene sulfide# and continuous polymerization

L2 24 POLYARYLENE SULFIDE# AND CONTINUOUS POLYMERIZATION

=> s 12 and sulfur source and dihalogenated aromatic compound#

L3 16 L2 AND SULFUR SOURCE AND DIHALOGENATED AROMATIC COMPOUND#

=> s 13 and two phase#

L4 8 L3 AND TWO PHASE#

=> s 14 and dispersion phase#

L5 2 L4 AND DISPERSION PHASE#

=> s 14 and dispers? phase#

L6 5 L4 AND DISPERS? PHASE#

=> s 16 and solvent#

L7 5 L6 AND SOLVENT#

=> s 17 and end terminator#

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L8 2 L7 AND END TERMINATOR#

=> d 18 1-2

L8 ANSWER 1 OF 2 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN

AN 2003:105305 EPFULL
DUPD 20040609 DUPW 200424
TIEN PROCESS FOR THE PRODUCTION OF POLYARYLENE SULFIDE.
TIFFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.
IN HAYASHI, Mikiya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;
SENGA, Minoru, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP
PA IDEMITSU PETROCHEMICAL CO., LTD., 6-1, Yokoami 1-chome, Sumida-ku, Tokyo
130-0015, JP
PAN 2041954
DT Patent
LAF Japanese
LA English
LAP English
TL English; French
PIT WOAl International application published with search report
PI WO 2004031262 A1 20040415
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
SI SK TR
EXTENSION STATES: AL LT LV MK
AI EP 2003-751305 A 20031001
WO 2003-JP12599 A 20031001
PRAI JP 2002-291899 A 20021004
IC.VER 7
ICM C08G075-04

AN 2003:105305 EPFULL ED 20050706 UP 20071115
DUPD 20071114 DUPW 200746
TIEN PROCESS FOR THE PRODUCTION OF POLYARYLENE SULFIDE.
TIFFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.
TIDE VERFAHREN ZUR HERSTELLUNG VON POLYARYLENSULFID.
IN HAYASHI, Mikiya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;
SENGA, Minoru, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP
PA IDEMITSU KOSAN CO., LTD., 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo
100-8321, JP
PAN 420826
AG Gille Hrabal Struck Neidlein Prop Roos, Patentanwalte Brucknerstrasse
20, 40593 Dusseldorf, DE
AGN 100973
DT Patent
LAF Japanese
LA English
LAP English
TL German; English; French
PIT EPAl Application published with search report
PI EP 1550686 A1 20050706
WO 2004031262 20040415
DS BE DE
AI EP 2003-751305 A 20031001
WO 2003-JP12599 A 20031001
PRAI JP 2002-291899 A 20021004
IPC1 C08G0075-04 [I,A]
C08G0075-00 [I,C*]

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L8 ANSWER 2 OF 2 USPATFULL on STN
AN 2006:144843 USPATFULL
TI Process for the production of polyarylene sulfide
IN Hayashi, Mikiya, Chiba, JAPAN
Senga, Minoru, Chiba, JAPAN
PI US 2006122363 A1 20060608
AI US 2003-529631 A1 20031001 (10)
WO 2003-JP12599 20031001
20051020 PCT 371 date
PRAI JP 2002-291899 20021004
DT Utility
FS APPLICATION
LN.CNT 679
INCL INCLM: 528/373.000
NCL NCLM: 528/373.000
IC IPCI C08G0075-00 [I,A]
IPCR C08G0075-00 [I,A]; C08G0075-00 [I,C]; C08G0075-02 [I,A];
C08G0075-04 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 17 1-5

L7 ANSWER 1 OF 5 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN
AN 2003:105305 EPFULL
DUPD 20040609 DUPW 200424
TIEN PROCESS FOR THE PRODUCTION OF POLYARYLENE SULFIDE.
TIFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.
IN HAYASHI, Mikiya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;
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130-0015, JP
PAN 2041954
DT Patent
LAF Japanese
LA English
LAP English
TL English; French
PIT WOAl International application published with search report
PI WO 2004031262 A1 20040415
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
SI SK TR
EXTENSION STATES: AL LT LV MK
AI EP 2003-751305 A 20031001
WO 2003-JP12599 A 20031001
PRAI JP 2002-291899 A 20021004
IC.VER 7
ICM C08G075-04
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DUPD 20071114 DUPW 200746
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SENGA, Minoru, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP
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100-8321, JP

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AGN 100973
DT Patent
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PIT EPA1 Application published with search report
PI EP 1550686 A1 20050706
WO 2004031262 20040415
DS BE DE
AI EP 2003-751305 A 20031001
WO 2003-JP12599 A 20031001
PRAT JP 2002-291899 A 20021004
IPCI C08G0075-04 [I,A]
C08G0075-00 [I,C*]

L7 ANSWER 2 OF 5 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN

AN 2002:25366 EPFULL
DUPD 20021113 DUPW 200246
TIEN PROCESS FOR PRODUCING POLYARYLENE SULFIDE.
TIFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.
IN SENG, Minoru, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;
OKAMOTO, Masaya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;
HAYASHI, Mikiya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP
PA IDEMITSU PETROCHEMICAL CO., LTD., 6-1, Yokoami 1-chome, Sumida-ku, Tokyo
130-0015, JP;
PETROLEUM ENERGY CENTER, (ENERGY CENTER, PETROLEUM), 3-9, Toranomon
4-chome, Minato-ku, Tokyo 105-0001, JP
PAN 2041954; 1396445
DT Patent
LAF Japanese
LA English
LAP English
TL English; French
PIT WO/1 International application published with search report
PI WO 2002072650 A1 20020919
DS AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR
EXTENSION STATES: AL LT LV MK RO SI
AI EP 2002-701696 A 20020304
WO 2002-JP1958 A 20020304
PRAT JP 2001-68495 A 20010312
IC.VER 7
ICM C08F216-04
ICS C08L029-02; C08F214-18; G03F007-039

AN 2002:25366 EPFULL UP 20080521
DUPD 20080521 DUPW 200821
TIEN PROCESS FOR PRODUCING POLYARYLENE SULFIDE.
TIFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.
TIDE VERFAHREN ZUR HERSTELLUNG VON POLYARYLENSULFID.
IN SENG, Minoru, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;
OKAMOTO, Masaya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;
HAYASHI, Mikiya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP
PA IDEMITSU KOSAN CO., LTD., 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo
100-8321, JP;

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PETROLEUM ENERGY CENTER (PEC), A juridical incorporated foundation,
3-9, Toranomon 4-chome, Minato-ku, Tokyo 105-0001, JP
PAN 420826; 1396447
AG Gille Hrabal Struck Neidlein Prop Roos, Patentanwalte Brucknerstrasse
20, 40593 Duesseldorf, DE
AGN 100973
DT Patent
LAF Japanese
LA English
LAP English
TL German; English; French
PIT EPA1 Application published with search report
PI EP 1375541 A1 20040102
WO 2002072650 20020919
DS BE DE FR GB IT NL
AI EP 2002-701696 A 20020304
WO 2002-JP1958 A 20020304
PRAI JP 2001-68495 A 20010312
IPCI C08G0075-02 [I,A]; C08F0216-04 [I,A]; C08L0029-02 [I,A]; C08F0214-18
[I,A]; G03F0007-039 [I,A]
C08G0075-00 [I,C*]; C08F0216-00 [I,C*]; C08L0029-00 [I,C*]; C08F0214-00
[I,C*]; G03F0007-039 [I,C*]

L7 ANSWER 3 OF 5 USPATFULL on STN
AN 2006:144843 USPATFULL
TI Process for the production of polyarylene sulfide
IN Hayashi, Mikiya, Chiba, JAPAN
Senga, Minoru, Chiba, JAPAN
PI US 2006122363 A1 20060608
AI US 2003-529631 A1 20031001 (10)
WO 2003-JP12599 20031001
20051020 PCT 371 date
PRAI JP 2002-291899 20021004
DT Utility
FS APPLICATION
LN.CNT 679
INCL INCLM: 528/373.000
NCL NCLM: 528/373.000
IC IPCI C08G0075-00 [I,A]
IPCR C08G0075-00 [I,A]; C08G0075-00 [I,C]; C08G0075-02 [I,A];
C08G0075-04 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 5 USPATFULL on STN
AN 2004:121290 USPATFULL
TI Process for producing polyarylene sulfide
IN Senga, Minoru, Chiba, JAPAN
Okamoto, Masaya, Ibaraki, JAPAN
Hayashi, Mikiya, Chiba, JAPAN
PI US 20040092706 A1 20040513
US 6982312 B2 20060103
AI US 2003-471663 A1 20030911 (10)
WO 2002-JP1958 20020304
PRAI JP 2001-68495 20010312
DT Utility
FS APPLICATION
LN.CNT 478
INCL INCLM: 528/373.000
NCL NCLM: 528/373.000

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NCLS: 528/394.000; 528/482.000; 528/491.000; 528/502.000R; 528/503.000
IC [7]
ICM C08G0075-00
IPCI C08G0075-00 [ICM,7]
IPCI-2 C08G0075-00 [I,A]
IPCR C08G0075-00 [I,C*]; C08G0075-02 [I,A]; C08G0075-00 [I,A];
C08G0075-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 5 USPAT2 on STN
AN 2004:121290 USPAT2
TI Process for producing polyarylene sulfide
IN Senga, Minoru, Chiba, JAPAN
Okamoto, Masaya, Ibaraki, JAPAN
Hayashi, Mikiya, Chiba, JAPAN
PA Idemitsu Kosan Co., Ltd., Tokyo, JAPAN (non-U.S. corporation)
Petroleum Energy Center, A Juridical Incorporated Foundation, Tokyo,
JAPAN (non-U.S. corporation)
PI US 6982312 B2 20060103
WO 2002072650 20020919
AI US 2003-471663 20020304 (10)
WO 2002-JP1958 20020304
20030911 PCT 371 date
PRAI JP 2001-68495 20010312
DT Utility
FS GRANTED
LN.CNT 492
INCL INCLM: 528/373.000
INCLS: 528/394.000; 528/482.000; 528/491.000; 528/502.000R; 528/503.000
NCL NCLM: 528/373.000
NCLS: 528/394.000; 528/482.000; 528/491.000; 528/502.000R; 528/503.000
IC IPCI C08G0075-00 [ICM,7]
IPCI-2 C08G0075-00 [I,A]
IPCR C08G0075-00 [I,C*]; C08G0075-02 [I,A]; C08G0075-00 [I,A];
C08G0075-00 [I,C]
EXF 528/373; 528/397; 528/482; 528/491; 528/502R; 528/503
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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